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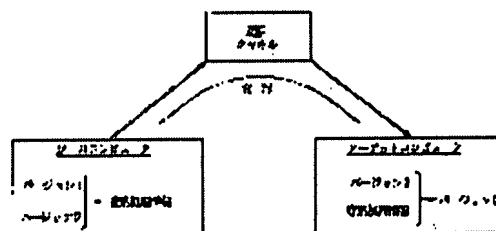
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(54) EFFICIENT AND HIGHLY SAFE UPDATING OF SOFTWARE AND DATA

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for reducing a transmission data amount, preventing interception and updating a software or data from a remote location.

SOLUTION: Relating to a device for updating a data file from an old version to a new version, the old version and the new version are compared and deformation processing information including information relating to similarity and difference is led out. Further, in order to lead out the new version, without referring to the new version itself, the deformation processing information is used and the old version is processed. Even without transmitting an updated file itself, by transmitting the deformation processing information to plural places, the plural versions of an original file such as the records of banks present at the plural places are updated. Generally, since the entire contents of the new version are not included in the deformation processing information, this method is provided with high resistance to the interception.



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